

Appl. No. 10/711,817
Amdt. dated June 26, 2007
Reply to Office action of April 09, 2007

Amendments to the Claims:

1. (currently amended) A multi-language system being applied in a mobile unit, comprising:

- 5 an interface module utilized for generating a user interface;
 a language information module comprising at least one
 identification string and at least one language information set,
 each identification string corresponding to a language
 information set, and each language information set representing a
10 natural language; and
 a font database containing at least one font set, each font set
 corresponding to a language information set and containing at
 least one font file for representing the natural language
 corresponding to the language information set;
15 wherein according to the language information set stored in the
 language information module, the interface module is utilized for
 reading the font set corresponding to the natural language which
 corresponds to the language information set to select and display
 the font file(s) on the user interface;
20 ~~wherein the identification string is a supplementary service control~~
 ~~string (SSC string);-and~~
 the mobile unit conforms to the global system for mobile
 communications (GSM) specification; and
 the interface module is stored in a first storage device of the mobile
25 unit by a manufacturer of the mobile unit, and the language
 information module and the font database are stored in different
 storage device(s) of the mobile unit by the manufacturer of the
 mobile unit.

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2-4. (cancelled)

5 5. (original) The multi-language system of claim 1, wherein the language information module is a configuration file.

10 6. (original) The multi-language system of claim 1, wherein when inserting or deleting a specific natural language into or from the multi-language system, an identification string and a language information set corresponding to the specific natural language are inserted into or deleted from the language information module, and the font set(s) corresponding to the specific natural language is (are) inserted into or deleted from the font database.

15 7. (currently amended) The multi-language system of claim 1, wherein the interface module is stored in the a first storage device, and the language information module and the font database are stored in a second storage device.

20 8. (currently amended) The multi-language system of claim 1, wherein the interface module is stored in the a first storage device, the language information module is stored in a second storage device, and the font database is stored in a third storage device.

25 9. (original) The multi-language system of claim 1, wherein the user interface is a Man-Machine Interface (MMI).

10. (currently amended) A method for displaying multi languages on a user

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interface being applied in a mobile unit, comprising:

executing an interface module for generating ~~the~~ a user interface;

reading a language information module, wherein the language
information module comprises at least one identification string
5 and at least one language information set, each identification
string corresponding to a language information set, and each
language information set representing a natural language;

finding a font file of a character stored in a font set corresponding
to a specific natural language in ~~a the~~ font database according to
10 a language information set stored in the language information
module, wherein the language information set corresponds to the
specific natural language; and

displaying the font file on the user interface;

wherein the identification string is a supplementary service control
15 string (SSC string); and

the mobile unit conforms to the global system for mobile
communications (GSM) specification; ~~and~~

the interface module is stored in a first storage device of the mobile unit
by a manufacturer of the mobile unit, and the language information
20 module and the font database are stored in different storage device(s)
of the mobile unit by the manufacturer of the mobile unit.

11-13. (cancelled)

25 14. (original) The method of claim 10, wherein the language information
module is a configuration file.

15. (original) The method of claim 10, wherein the interface module is

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stored in a first storage device, and the language information module and the font database are stored in a second storage device.

5 16. (original) The method of claim 10, wherein the interface module is stored in a first storage device, the language information module is stored in a second storage device, and the font database is stored in a third storage device.

10 17. (original) The method of claim 10, wherein the user interface is a Man-Machine Interface (MMI).

18. (currently amended) A method for inserting a specific natural language into a the multi-language system being applied in a mobile unit, wherein the multi-language system comprises:

15 a language information module comprising at least one identification string and at least one language information set, each identification string corresponding to a language information set, and each language information set representing a natural language; and

20 a font database containing at least one font set, each font set corresponding to a language information set;

the method comprises:

25 inserting an identification string and a language information set corresponding to the specific natural language into the language information module; and

inserting the font set(s) corresponding to the specific natural language into the font database;

wherein the identification string is a supplementary service control

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string (SSC string); ~~and~~
the mobile unit conforms to the global system for mobile
communications (GSM) specification; and
the language information module and the font database are stored by a
5 manufacturer of the mobile unit in different storage device(s) than a
user interface module of the mobile unit.

19. (cancelled)

10 20. (original) The method of claim 18, wherein the language information
module is a configuration file.

21. (currently amended) A method for deleting a specific natural language
from a multi-language system being applied in a mobile unit, wherein
15 the multi-language system comprises:

a language information module comprising at least one
identification string and at least one language information set,
each identification string corresponding to a language
information set, and each language information set representing
20 a natural language; and

a font database containing at least one font set, each font set
corresponding to a language information set;

the method comprises:

25 deleting an identification string and a language information set
corresponding to the specific natural language from the language
information module; and

deleting the font set(s) corresponding to the specific natural
language from the font database;

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wherein the identification string is a supplementary service control string (SSC string); and

the mobile unit conforms to the global system for mobile communications (GSM) specification; and

5 the language information module and the font database are stored by a manufacturer of the mobile unit in different storage device(s) than a user interface module of the mobile unit.

22. (cancelled)

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23. (original) The method of claim 21, wherein the language information module is a configuration file.

15 24. (previously presented) The multi-language system of claim 1, further comprising a microprocessor; wherein the interface module is a piece of program code executable by the microprocessor.

20 25. (previously presented) The multi-language system of claim 1, wherein elements in the multi-language system communicate with each other using supplementary service control (SSC) strings.

25 26. (new) The multi-language system of claim 1, wherein languages that can be used to display information on the user interface of the mobile unit are stored in the language information module and the font database by the manufacturer of the mobile unit before providing the mobile unit to market.

27. (new) The method of claim 10, further comprising storing languages that can be used to display information on the user interface of the mobile

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unit in the language information module and the font database by the manufacturer of the mobile unit before providing the mobile unit to market.

28. (new) The method of claim 18, further comprising inserting the specific
5 natural language in the language information module and the font database by the manufacturer of the mobile unit before providing the mobile unit to market.

29. (new) The method of claim 21, further comprising deleting the specific
10 natural language from the language information module and the font database by the manufacturer of the mobile unit before providing the mobile unit to market.